

Method of Securely Sharing Information Over Public Networks Using Untrusted Service Providers and Tightly Controlling Client Accessibility

Abstract

- 5 A method for allowing a content provider to restrict access to data without having to trust a service provider. With this invention a content provider is able to restrict access to data to a specific client using a specific machine. A content provider generates a first key which is used to encrypt a second key where the second key will only be encrypted if the user has a one-time password. The encrypted second key is then stored on the client machine. When the user desires to access the data of the content provider, the second key is decrypted and used to access the data.
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